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ABSTRACT

0032 A method for forming a free standing micro-structural member including providing a substrate; blanket depositing a first sacrificial resist layer over the substrate; exposing and developing the first sacrificial resist layer to form a first resist portion; subjecting the first resist portion to at least a hard bake process to form the first resist portion having a predetermined first smaller volume compared to a desired final resist portion volume; blanket depositing at least a second sacrificial resist layer followed by exposure, development and the at least a hard bake process to form the final resist portion volume; and, depositing at least one structural material layer over the final resist portion.